PATENT APPLICATION Attorney Docket No. SJ0920020114US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

David F. HEPNER et al.

Serial No: 10/643,253

Filed: August 19, 2003

For: PREDICTIVE FAILURE ANALYSIS AND

FAILURE ISOLATION USING CURRENT

SENSING

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APR 0 9 2005

Art Unit: 2863

Examiner: LE, John H.

CERTIFICATE OF SUBMISSION BY FACSIMILE

PTO FAX NUMBER: 703-872-9306 TOTAL NUMBER OF PAGES: 16

Dear Sir:

I hereby certify that the following documents are being transmitted to the U.S. Patent and Trademark Office on the date shown below:

- AMENDMENT AND RESPONSE TO OFFICE ACTION (12 pages);
- FEE CALCULATION SHEET (1 page);
- 3. INTERVIEW SUMMARY (2 pages); and
- 4. this CERTIFICATE OF SUBMISSION BY FACSIMILE (1 page).

If you did not receive all the pages, please telephone us at 718-544-1110, or fax us at 718-544-8588.

Respectfully submitted,

Dated: April 9, 2005

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AMENDMENT AND RESPONSE TO OFFICE ACTION DATED JANUARY 24, 2005

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

This Amendment is made in reply to the Office Action mailed January 24, 2005 setting a three-month shortened statutory period of response expiring April 24, 2005. Please amend the above-identified application as follows: